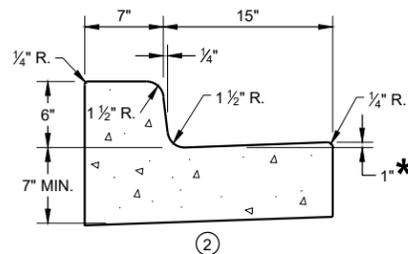
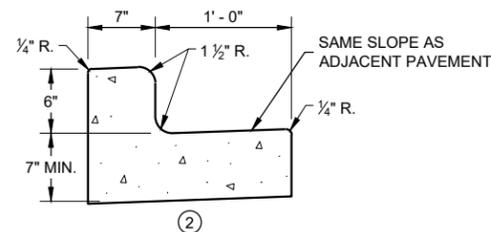


CONCRETE CURB AND GUTTER 31" ①

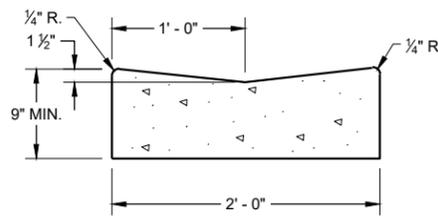
* TO BE MEASURED TO A MAXIMUM OF 3" WHERE DRAINAGE PROBLEMS EXIST.



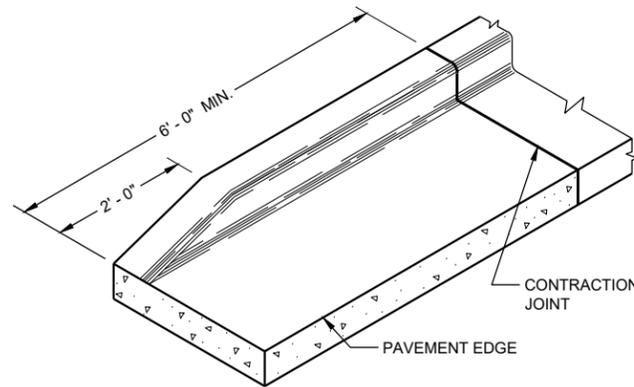
CONCRETE CURB AND GUTTER 22" ①



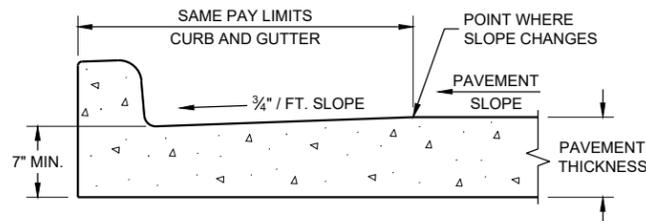
CONCRETE CURB AND GUTTER 19" ①



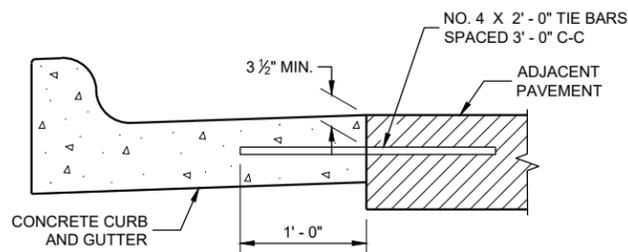
CONCRETE GUTTER 24" ①



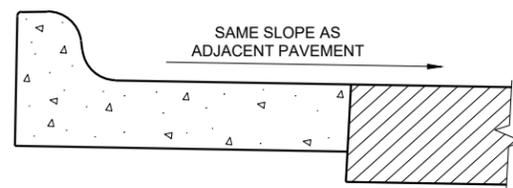
END SECTION CURB AND GUTTER



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER



TYPICAL TIE BAR LOCATION ①



HIGH SIDE SECTION ③
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

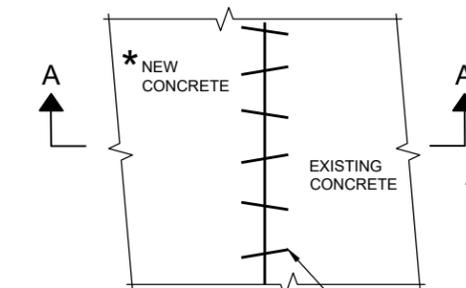
DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

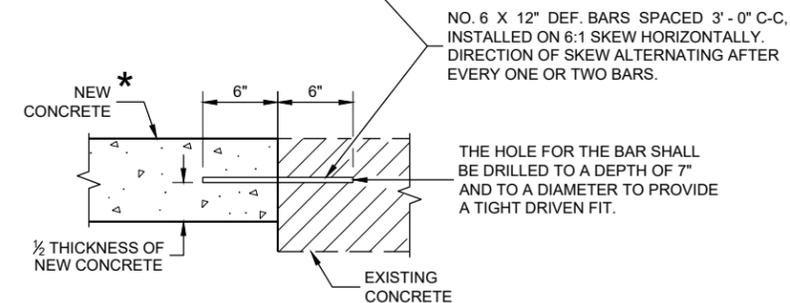
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

- ① WHEN PLACED ADJACENT TO NEW CONCRETE, TIE BARS ARE REQUIRED FOR CURB AND GUTTER 31", 22", 19" AND CONCRETE GUTTER 24".
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 7" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ WHEN HIGH SIDE CURB SECTION IS REQUIRED, THE LOCATION(S) WILL BE NOTED ON THE PLANS



PLAN VIEW



**SECTION A - A
PAVEMENT TIES**

**CONCRETE GUTTER,
CURB AND GUTTER AND
PAVEMENT TIES**
(For Optional use in Milwaukee Co. Only)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT
ENGINEER

FHWA

Concrete Gutter, Curb and Gutter and Pavement Ties

References:

[FDM 11-20-1](#)

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
416.0610	Drilled Tie Bars	EACH
601.0205	Concrete Gutter 24-Inch.....	LF
601.0319	Concrete Curb & Gutter 19-Inch.....	LF
601.0322	Concrete Curb & Gutter 22-Inch.....	LF
601.0331	Concrete Curb & Gutter 31-Inch.....	LF
601.0342	Concrete Curb & Gutter Integral 18-Inch*	LF

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

NONE

Design Notes:

This SDD replaces SDD 8M1-9. It is for use in Milwaukee County only. This includes the City of Milwaukee and other communities in Milwaukee County.

When Integral Curb and Gutter is mandatory, each size required shall be bid as a separate SPV.XXXX item (choose the correct bid item title or titles from above). A miscellaneous quantity listing is required to show specific STA-STA limits LT and RT where this integral curb and gutter is required. Also, label typical finished section integral curb and gutter appropriately.

** Any required modification to the 1-Inch gutter drop from the flag elevation will need to be addressed in a plan general note or by including a special detail.*

(Note: When modifying the gutter cross slope, assure that inlet spacing is properly reduced to comply with [FDM 13-25-15](#)).

Bid item 465.0310 "Asphaltic Curb" does not have a SDD. It always needs a special detail included in the plan. (See AutoCAD blocks named "Precast Concrete Curb" and "Asphaltic Curb Detail 2" found in Construction Details palette CDCRBGTR {Curb and Gutter Details}).

Contact Person:

Rodney Taylor (608) 261-8207